



**CONSOL ENERGY™**

*C/015/015 Incoming*

**Consolidation Coal Company**

P.O. Box 566  
Sesser, IL 62884  
(618) 625-2041

*#3986*  
*OK*

December 02, 2011

Steve Christensen  
Permit Supervisor  
Utah Division of Oil, Gas and Mining  
Coal Program  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Emery Deep Mine Permit C/015/015  
2010 Annual report responses task id # 3808

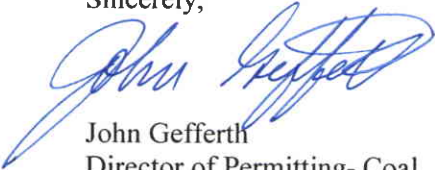
Dear Mr. Christensen:

Per the Divisions 2010 Annual report review dated October 6, 2011, please consider this an insignificant revision to address your concerns.

Enclosed please find four (4) copies for your review and executed C1 and C2 forms. A cd with the submittal in pfd format is enclosed.

If you have any questions concerning this request, please contact me at (618) 625-6850.

Sincerely,



John Gefferth  
Director of Permitting- Coal

JAG/jag emAnnualrpt.tsk3808.doc

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**DEC 06 2011**  
**DIV. OF OIL, GAS & MINING**

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

**Permittee:** Consolidation Coal Company

**Mine:** Emery Mine

**Permit Number:** 015/015

**Title:** 2010 Annual report task id 3808 subsidence monitoring revision

**Description,** Include reason for application and timing required to implement:

Revision to subsidence monitoring plan

11/11

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- |   |   |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?                                     |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?  |
- Explain: \_\_\_\_\_
- |   |  |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use?                          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information?                  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?            |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement?                                    |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?             |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities?          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures?               |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation?                                |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring?                                      |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?               |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities?              |

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

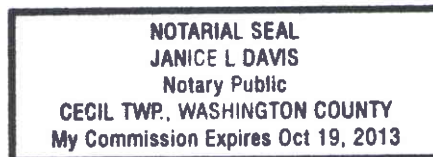
I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Mark T. Stanley  
Print Name

[Signature]  
Sign Name, Position, Date

Subscribed and sworn to before me this 1st day of December, 20 11

Janice L. Davis  
Notary Public  
My commission Expires: October 19, 20 13  
Attest: State of Pennsylvania } ss:  
County of Washington



**For Office Use Only:**

Assigned Tracking  
Number:

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**DIV. OF OIL, GAS & MINING**

# APPLICATION FOR COAL PERMIT PROCESSING

## Detailed Schedule Of Changes to the Mining And Reclamation Plan

**Permittee:** Consolidation Coal Company

**Mine:** Emery Mine

Permit Number: 015/015

**Title:** 2010 Annual report task id 3808 subsidence monitoring revision

11/11

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

### DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

☐ Add    ☒ Replace    ☐ Remove    CH V, page 37☐ Add    ☐ Replace    ☐ Remove☐ Add    ☐ Replace    ☐ Remove☐ Add    ☐ Replace    ☐ Remove☐ Add    ☐ Replace    ☐ Remove☐ Add    ☐ Replace    ☐ Remove☐ Add    ☐ Replace    ☐ Remove  
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**Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.**

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9. Resurveys of a point should consist of a vertical traverse having a closure of at least 0.50 feet. If significant movement is detected ( $\pm .5'$ ), a horizontal survey to that point will also be performed to check horizontal movement. The horizontal check survey may consist of a "side shot" where angles and distance are double checked, and need not be a closed traverse.
10. Monitoring points will consist of a concrete base and brass cap installed according to Figure V-8.

Plate V-5 shows the existing and future monitoring points for the permit and adjacent area.

Consol will provide ~~3 copies of~~ a subsidence monitoring report to DOGM, as part of the Annual Report, within one month after completion of any subsidence monitoring field survey conducted pursuant to the approved subsidence control plan. Subsidence monitoring reports shall contain the following information:

1. Mine maps showing where pillars have been pulled and the month and year that such pillars were removed or partially removed.
  2. Maps showing the location of survey monitoring stations and tension cracks and/or compression features visible on the surface.
  - 2a. The surface monitoring points above the areas outlined on Plate V-5 as full extraction areas (planned subsidence) will have photographs recorded both pre subsidence and post subsidence.
  3. The differential level and horizontal survey summary.
  4. Brief narrative explaining any "significant movement" and any action the applicant has taken to mitigate the effects of such movement or any tension or compression features visible on the surface.
11. Consol will establish pre-mining elevations and gradients of any irrigation ditches and pond embankments within the angle of draw. Consol will monitor these areas by visual inspection and post-subsidence ground survey to establish the effects of subsidence. Mitigation of these effects will be carried out per the following section.
  12. Consol will provide the Division, as part of the Annual Report, a ~~quarterly~~ subsidence mitigation report that describes the surface mitigation projects and their status broke down by surface land owner.
  13. Consol will update the existing pre subsidence survey and Plates six (6) months prior to full extraction and provide copies to the surface land owner, DOGM, and the water conservancy, per R645-301-525-130.

Revised 8/05  
Revised 3/07  
Revised 5/09  
Revised 11/11